

## PATENT ABSTRACTS OF JAPAN

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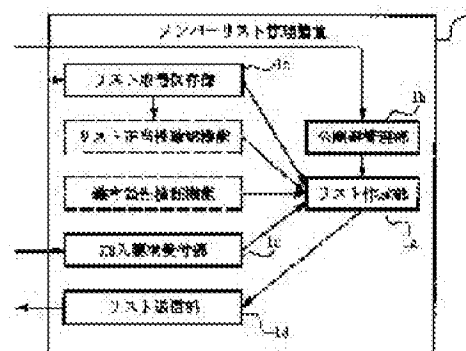
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## (54) BROADCAST COMMUNICATION SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To prevent the execution of illegal action by a manager for a broadcast communication information repeater by providing the system with a list preparation part for preparing a member list including members' disclosed keys and a disclosed key management part for acquiring and storing disclosed keys.

**SOLUTION:** A member list management device 1 is constituted of a list preparation part 1a for preparing a member list including the disclosed keys of one or more members for executing broadcast communication and a disclosed key management part 1b for acquiring and storing disclosed keys to be included in the member list. A team master inputs prescribed items (member information) for preparing the member list by using the device 1. After inputting data, the list preparation part 1a selects the disclosed key of a member to be registered as a member, prepares a message digest for the member list and affixes an electronic signature prepared so as to be ciphered by the secret key of the team master to the member list.



## LEGAL STATUS

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